FIG.1

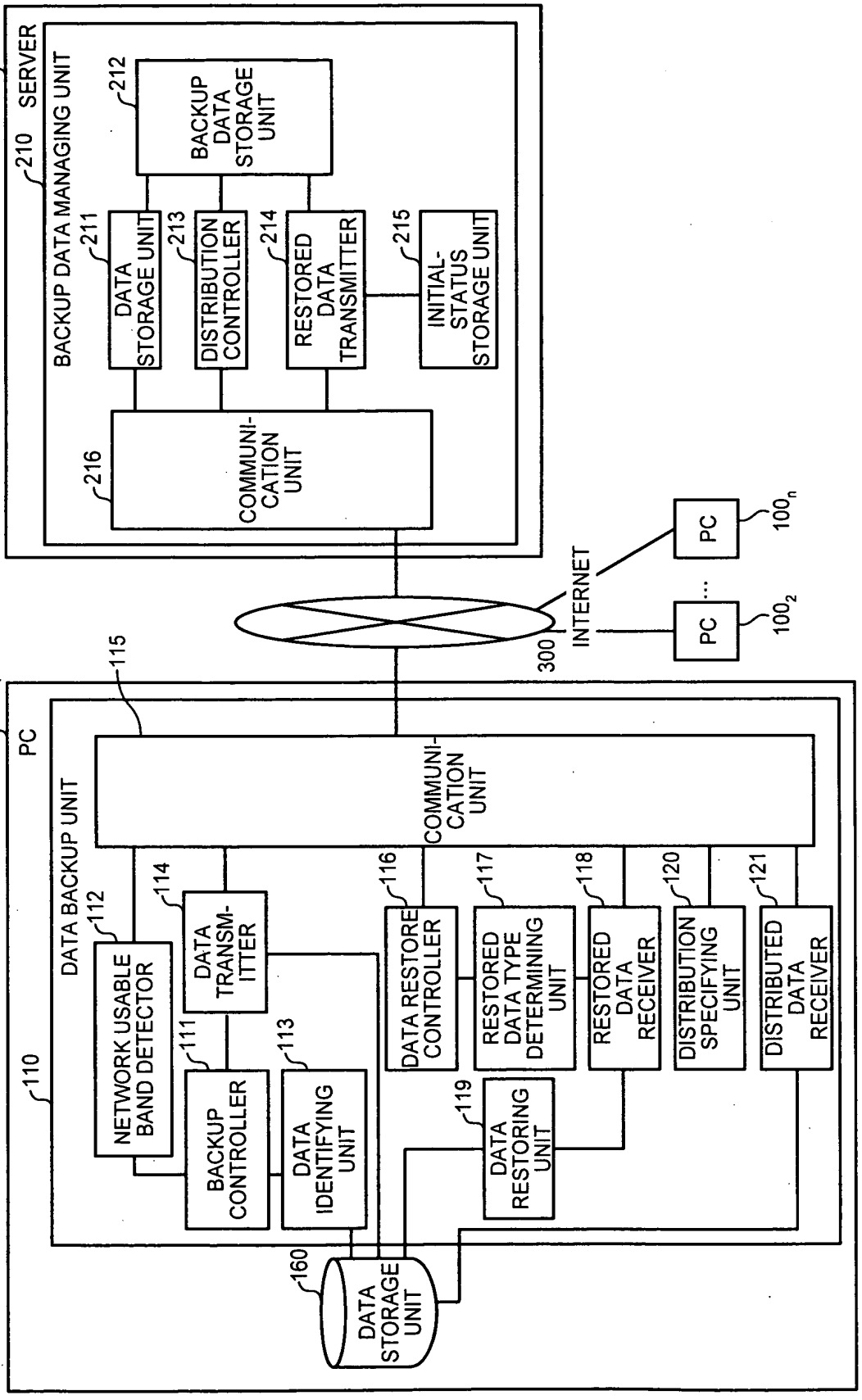

200
SERVER
210
BACKUP DATA MANAGING UNIT
212
BACKUP DATA STORAGE UNIT
211
DATA STORAGE UNIT
213
DISTRIBUTION CONTROLLER
214
RESTORED DATA TRANSMITTER
215
INITIAL-STATUS STORAGE UNIT
216
COMMUNI-CATION UNIT
INTERNET
300
PC
100n
PC
1002
100₁
PC
115
DATA BACKUP UNIT
COMMUNI-CATION UNIT
110
112
NETWORK USABLE BAND DETECTOR
114
DATA TRANSM-ITTER
116
DATA RESTORE CONTROLLER
117
RESTORED DATA TYPE DETERMINING UNIT
118
RESTORED DATA RECEIVER
120
DISTRIBUTION SPECIFYING UNIT
121
DISTRIBUTED DATA RECEIVER
111
BACKUP CONTROLLER
113
DATA IDENTIFYING UNIT
119
DATA RESTORING UNIT
160
DATA STORAGE UNIT

FIG.2

DIRECTORY OR FILE	TYPE OF DATA
/ aaa	OS SETTING DATA
/ bbb / ccc	USER DATA
/ ddd / file-a	APPLICATION INFORMATION
/ ddd / file-b	USER DATA
⋮	⋮
/ xxx	OS SETTING DATA

FIG.3

USER REQUEST TO RESTORE DATA	TYPE OF DATA TO BE RESTORED
FULL RESTORATION	USER DATA, OS SETTING DATA, APPLICATION INFORMATION, OTHER DATA
REINSTALLATION	DIFFERENCE BETWEEN BACKED UP STATUS AND INITIAL STATUS
TRANSFER TO NEW PC	USER DATA , APPLICATION INFORMATION
DATA CREATED BY USER	USER DATA

FIG.4

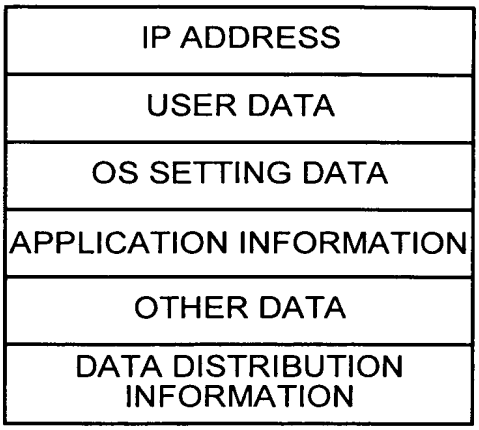


FIG.5

FILE NAME	TIME	DATE	DESTINATION	DISTRIBUTION HOLD INFORMATION
/ddd/file-b	23:00:00	1-ST DAY OF EVERY MONTH	IP ADDRESS A_1	
			IP ADDRESS A_2	ON HOLD
			⋮	
			IP ADDRESS A_i	
/eee/file-e	1:00:00	EVERY SATURDAY	IP ADDRESS B_1	
			IP ADDRESS B_2	
			⋮	
			IP ADDRESS B_j	
⋮	⋮	⋮	⋮	⋮

FIG.6

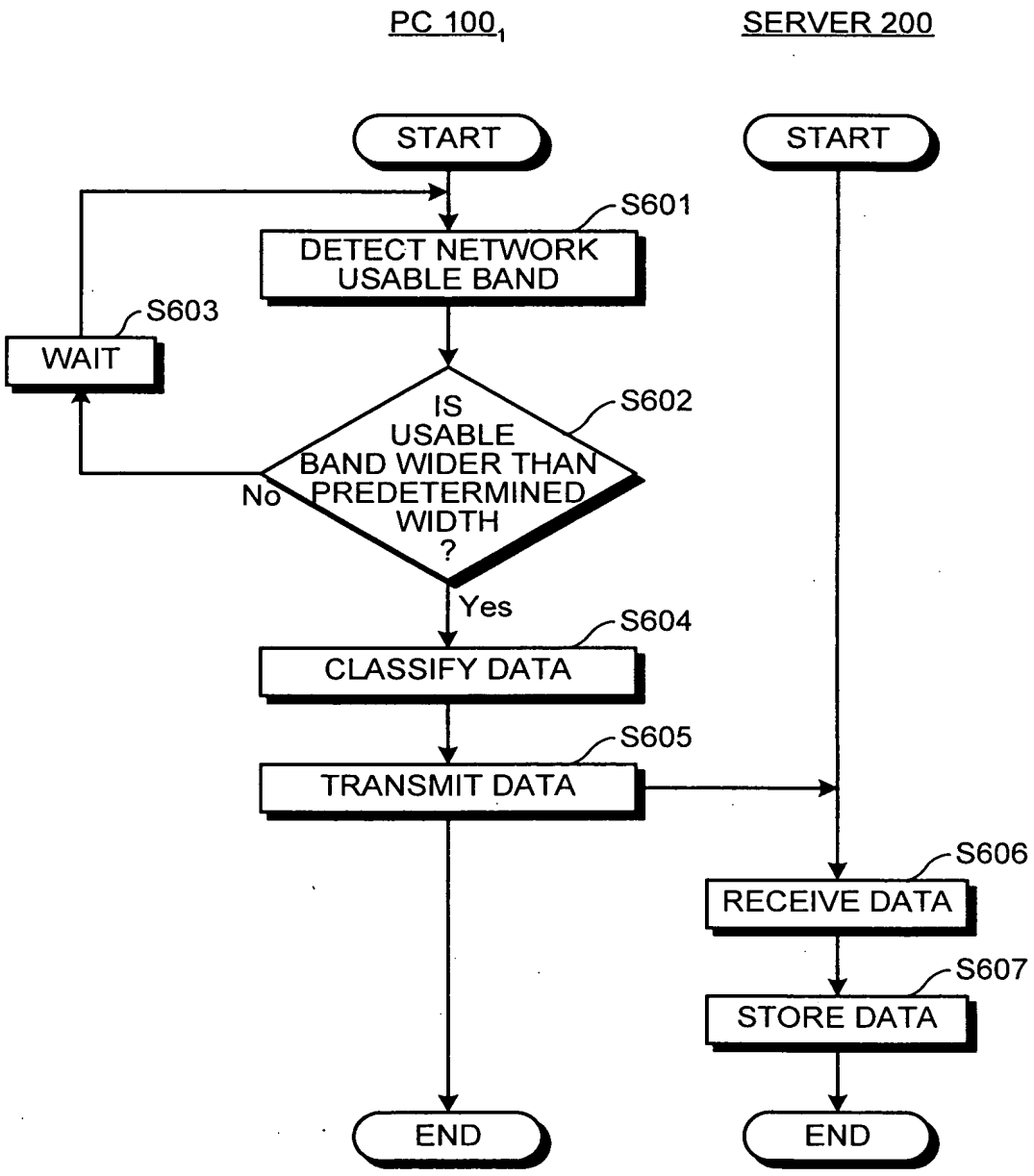

PC 100$_1$
SERVER 200
START
START
S601
DETECT NETWORK USABLE BAND
S603
WAIT
S602
IS USABLE BAND WIDER THAN PREDETERMINED WIDTH ?
No
Yes
S604
CLASSIFY DATA
S605
TRANSMIT DATA
S606
RECEIVE DATA
S607
STORE DATA
END
END

FIG.7

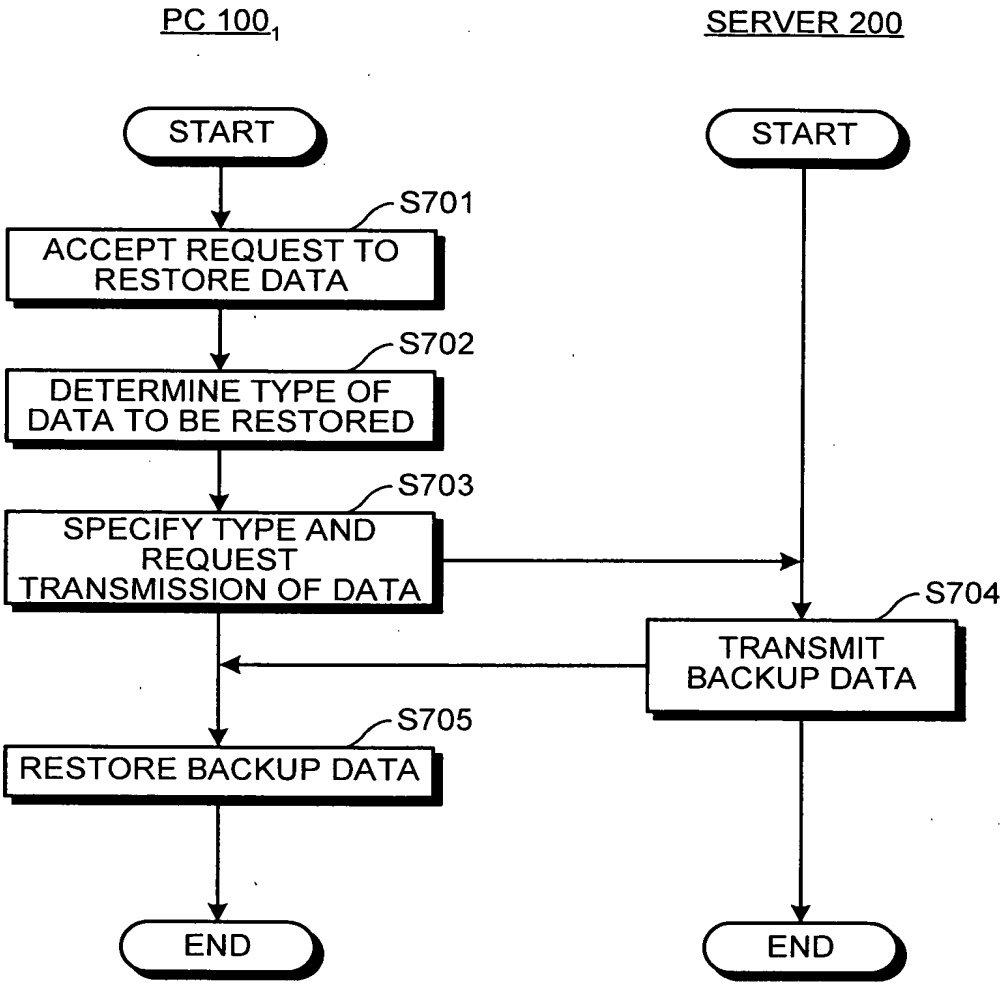

PC 100$_1$
SERVER 200
START
START
S701
ACCEPT REQUEST TO RESTORE DATA
S702
DETERMINE TYPE OF DATA TO BE RESTORED
S703
SPECIFY TYPE AND REQUEST TRANSMISSION OF DATA
S704
TRANSMIT BACKUP DATA
S705
RESTORE BACKUP DATA
END
END

FIG.8

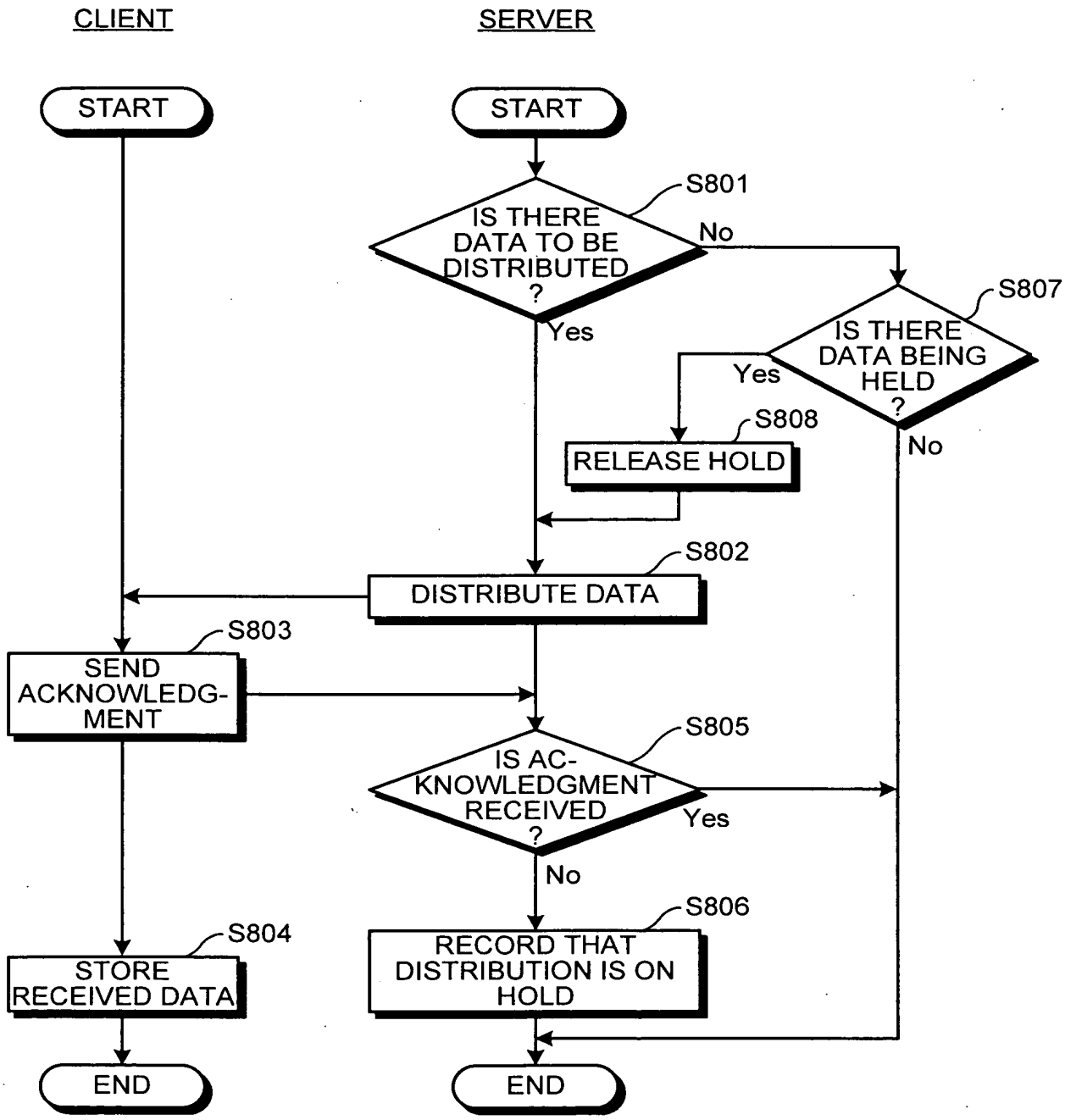
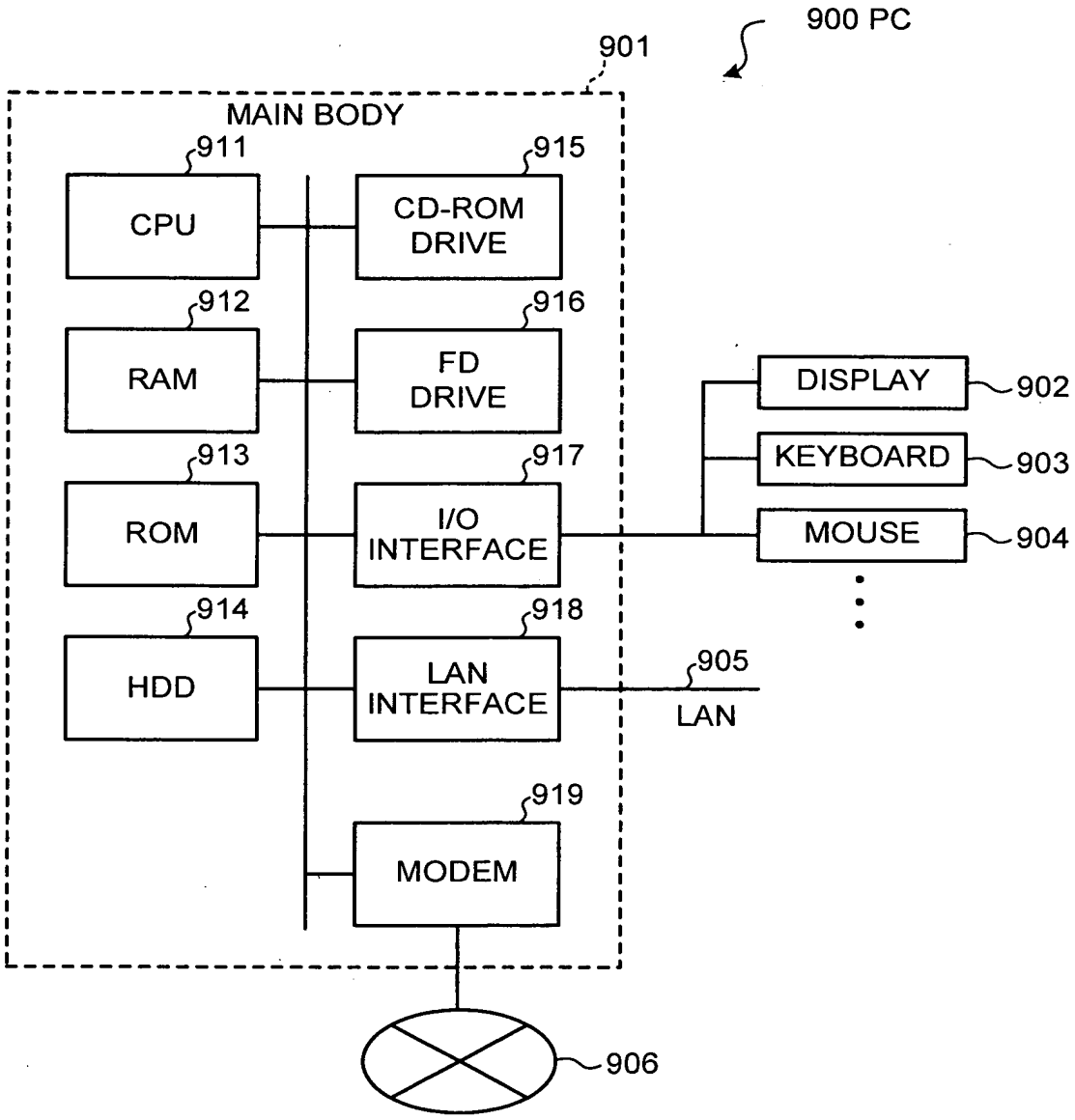

CLIENT
SERVER
START
START
S801
IS THERE DATA TO BE DISTRIBUTED ?
No
Yes
S807
IS THERE DATA BEING HELD ?
Yes
No
S808
RELEASE HOLD
S802
DISTRIBUTE DATA
S803
SEND ACKNOWLEDG-MENT
S805
IS AC-KNOWLEDGMENT RECEIVED ?
Yes
No
S806
RECORD THAT DISTRIBUTION IS ON HOLD
S804
STORE RECEIVED DATA
END
END

FIG.9


900 PC
901
MAIN BODY
911
CPU
912
RAM
913
ROM
914
HDD
915
CD-ROM DRIVE
916
FD DRIVE
917
I/O INTERFACE
918
LAN INTERFACE
919
MODEM
906
905
LAN
DISPLAY
902
KEYBOARD
903
MOUSE
904